



131 Saint James Way • PO Box 6007
 Mount Airy, NC 27030
 (336) 789-7259

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form)
 OMB No. 1218-0072

Hazard Rating	Part A	
4=Extreme	Health	0
3=High	Fire	1
2=Moderate	Reactivity	0
1=Slight		
0=Insignificant	Personal Protection	B

Hazard Rating	Part B	
4=Extreme	Health	2
3=High	Fire	1
2=Moderate	Reactivity	1
1=Slight		
0=Insignificant	Personal Protection	X

Identity (as used on label and list)
Texacrete R

SECTION I

Manufacturer's Name
 Fibcrete Technology LLC
 Address: 301 Old Hwy 52
 Mount Airy, NC 27030

Emergency Telephone Number 336-479-3149
 Telephone Number for Information 336-786-8244
 Date prepared: September 12, 2012

SECTION II- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS NO.	OSHA PEL	ACGIH TLV
RESIN (PART A): Proprietary Formulated Resin	Proprietary	N.E.	N.E.
HARDENER (PART B): 4,4'-Diphenylmethane Diisocyanate (MDI)	101-68-8	0.02ppm Ceiling	0.005ppm TWA
Polymeric Diphenylmethane (Polymeric MDI)	9016-87-9	N.E.	N.E.
Diphenylmethane Diisocyanate (MDI) Mixed Isomers	26447-40-5	N.E.	N.E.

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	N.A.	Specific Gravity	Resin-0.97	Hardener-1.21
Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.A	
Vapor Density (AIR=1)	N.A.	Evaporation Rate (Butyl Acetate=1)	Slower than butyl acetate	
Solubility in Water	Resin-Partial Hardener-React with Water			
Appearance and Odor	Resin-Black, low viscosity liquid--Hardener-Brown, low viscosity liquid			

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point Resin & Hardener 200°F (closed cup ASTM D-93) **Flammable Limits** N.A. **LEL** N.A. **UEL** N.A.
(Method Used)

Extinguishing Media- Dry Chemical, Foam, CO²

Special Fire Fighting Procedures

Wear self-contained breathing apparatus in addition to normal protective clothing.

Unusual Fire and Explosion Hazards

Resin-Material is slightly combustible

Hardener-Avoid water contamination in closed container or confined area. CO² evolved

SECTION V-REACTIVITY DATA

Stability Unstable Conditions to Avoid (Stability) Prolonged heating over 160°F or storage below 75° for hardener
Stable XX

Incompatibility (Materials to Avoid) Water, strong bases, alcohols

Hazardous Decomposition or Byproducts

Carbon monoxide & dioxide, nitrogen oxides, traces of hydrogen cyanide

Hazardous May Occur XX **Conditions to Avoid** Hardener-Contamination by moisture or other materials that
Polymerization Will Not Occur react with isocyanates

SECTION VI-HEALTH HAZARDS DATA

Route(s) of Entry: Inhalation? Skin? Eyes? Ingestion?

Health Hazards Resin-No adverse health effects
Hardener-May cause breathlessness, severe coughing, chest discomfort, headache,
Irritation of mucus membrane, may cause eye irritation and skin sensitivity.

Carcinogenicity: Not anticipated to be carcinogenic NTP? N.E.
IARC Monographs? N.E. OSHA Regulated? Not regulated as a
Carcinogen

Signs and Symptoms Of Exposure Resin-No adverse health effects are expected to occur with exposure.
Hardener-May cause breathlessness, severe coughing, chest discomfort, headache,
irritation of mucus membrane, may cause eye irritation with tearing, repeated contact
may cause skin sensitivity.

Medical Conditions Not Know
Generally Aggravated
By Exposure

Emergency and First Aid Procedures

In case of skin contact, wash thoroughly with soap & water, for eyes flush immediately with plenty of cool water for 15 minutes and consult a physician. Resin not expected to cause ingestion & inhalation hazard. Hardener ingestion-induce vomiting with warm salt water. Remove to uncontaminated area. Administer oxygen as necessary, consult physician immediately. Remove & wash all contaminated clothing before reuse.

